Shreay Patil

Shreay72 | shreay-patil-18317b2a3 | shreay72@gmail.com | +91-9607679170

PROFESSIONAL SUMMARY

Data Science Enthusiast and Intermediate Python Developer with hands-on experience transforming raw data into meaningful insights using Python, SQL, and Excel. Proven ability to build machine learning models, automate dashboards, and deliver data-driven outcomes that improve decision-making efficiency. Strong foundation in data preprocessing, exploratory data analysis, and model evaluation, with continuous learning mindset and practical exposure through real-world projects.

EDUCATION

2025	B.Sc. in Computer Science at **Nowrosjee Wadia College, Pune**
	Relevant Coursework: Data Analytics, Database Management Systems, Statistics, Programming in Python
2021	HSC (Science) at **Vishwasatya College of Science, Ojhar**
2019	SSC at **GES HAL High School, Ojhar**

TECHNICAL SKILLS

Programming & Data Science	Python (Pandas, NumPy, Matplotlib, Scikit-learn), SQL (data extraction, joins, aggregations, analysis)
Machine Learning & Analytics	Classification models, Data cleaning, Feature engineering, Model evaluation, Exploratory Data Analysis (EDA), Insight generation
Backend & APIs	Flask, FastAPI, SQLAlchemy, JWT authentication, REST APIs, Secure password hashing
Frontend & UI	React (Vite), Tailwind CSS, Axios, React Router, Dashboard development
Tools & Platforms	Git & GitHub, Jupyter Notebook, VS Code, MS Excel (advanced functions, pivot analysis)

CORE COMPETENCIES

– Turning raw data into clear insights that support real decisions
– Building machine learning models that solve practical business problems
– Writing clean, reusable Python code for data analysis and automation
– Designing secure and scalable backend systems for data-driven applications
– Explaining technical results in simple, human-friendly language
– Strong problem-solving mindset with continuous learning attitude

INTERNSHIP EXPERIENCE

Data Science Intern (Remote, Self-Placed) – Developers Arena   2025 – Present

– Working on real-world data science tasks involving data cleaning, analysis, and basic machine learning models
– Applying Python and analytical thinking to solve practical problem statements
– Strengthening hands-on experience through continuous learning, experimentation, and project-based work
– Improving ability to work independently in remote environment while delivering outcomes

Projects & Impact

Bank Fraud Detection System — Python, Machine Learning   GitHub Link

– Worked with 10,000+ banking transaction records, cleaning and preparing data for real-world fraud analysis
– Built machine learning models that achieved 85%+ accuracy, helping identify suspicious transactions reliably
– Improved fraud detection quality by reducing false positives through better feature selection
– Explained model results in simple terms, showing how data science supports safer financial decisions

AI Agent by Shreay — Python, FastAPI, Perplexity API   GitHub Link

– Built an AI research agent that fetches real-time information from live internet using Perplexity API
– Designed intelligent responses that summarize complex topics into clear, structured answers with citations
– Created ChatGPT-style interface with dark mode and chat history for better user experience
– Focused on transparency by showing sources, improving trust and explainability of AI outputs

Personal Finance Manager — Python (Flask), React, SQLAlchemy   GitHub Link

– Built full-stack finance application helping users track expenses, budgets, savings goals, and monthly trends
– Implemented secure login using JWT authentication and encrypted password storage
– Developed dashboards allowing users to understand spending patterns and manage money better
– Solved real engineering problems: authentication errors, database setup, CORS issues, frontend-backend integration

Jewellery E-commerce Website (Final Year Project) — Python, Web Technologies

– Developed customer-friendly e-commerce website with smooth navigation and optimized checkout flow
– Improved usability by applying UI/UX principles, reducing user confusion and errors
– Quickly learned new tools and concepts to meet project deadlines

Certifications

2025	**Deloitte Virtual Internship – Data Analytics**
	Gained hands-on exposure to data analysis workflows, business problem understanding, data interpretation, and presenting insights similar to real consulting engagements.
2025	**IBM Data Fundamentals Badge**
	Built strong foundation in data concepts including data types, analytics lifecycle, data-driven decision-making, and practical business applications of data.

Achievements & Recognition

– Runner-up, MindQuisitive Hackathon – recognized for analytical problem-solving and innovative thinking
– Selected, Smart India Hackathon (College Level) – shortlisted for solution design and team collaboration
– Appreciated for quickly implementing feedback and improving project outcomes during academic and practical work

Professional Strengths

– Intermediate-level Python developer with strong analytical mindset
– Ability to explain technical results in clear, business-friendly language

- Fast learner with high adaptability to new tools, datasets, and problem statements
- Strong work ethic, teamwork, and ownership of outcomes